

Amity University Online
Online BCA Program - Sample Question Paper

Instructions:

1. This is a sample question paper for the Online BCA program.
2. Answer all questions.
3. Each question carries marks as indicated.
4. Time allowed: 3 hours
5. Maximum marks: 100

Section A: Multiple Choice Questions (1 mark each)

1. Which device is known as the brain of the computer?
 - a) RAM
 - b) CPU
 - c) Hard Disk
 - d) GPU
2. What does HTML stand for?
 - a) Hyper Text Markup Language
 - b) Home Tool Markup Language
 - c) Hyperlinks and Text Markup Language
 - d) Hyperlinking Text Mark Language
3. Which of these is a loop structure in programming?
 - a) if
 - b) switch
 - c) for
 - d) else

4. What is the full form of IP?

- a) Internet Provider
- b) Internet Protocol
- c) Internal Program
- d) Internal Protocol

5. Which language is primarily used for Android app development?

- a) Swift
- b) Kotlin
- c) Ruby
- d) JavaScript

6. What is the function of an operating system?

- a) Manage hardware
- b) Store data
- c) Send emails
- d) Execute programs

7. Which SQL command is used to delete data?

- a) DROP
- b) DELETE
- c) REMOVE
- d) ERASE

8. What does CSS stand for?

- a) Cascading Style Sheets
- b) Computer Style Sheets
- c) Creative Style Syntax
- d) Cascading Sheet Styles

9. What is recursion in programming?

- a) Looping through data
- b) Function calling itself
- c) Sorting algorithm
- d) Data structure

10. Which of the following is NOT a database?

- a) MySQL
- b) Oracle
- c) Windows
- d) MongoDB

Section B: Short Answer Questions (5 marks each)

- 11. Explain the difference between RAM and ROM.
- 12. What are the basic building blocks of a computer?
- 13. Describe the purpose of the TCP/IP model.
- 14. What is a hyperlink in HTML?
- 15. Explain the difference between a compiler and an interpreter.

Section C: Long Answer Questions (10 marks each)

- 16. Discuss the role and functions of an operating system in detail.
- 17. Explain the various types of programming languages with examples.